

Abstract

The present invention relates to a cooling arrangement (17) for supplying a first cavity (9) with a cooling gas, in particular in a gas turbine of a power plant, comprising a cooling-gas passage (19) which is formed in a first component (6) and connects the first cavity (9) to a second cavity (10). A second component (16) bears against a bearing side (15) remote from the second cavity (10) and separates the first cavity (9) from a third cavity (12). The second component (16) is displaceable within a range of displacement.

To improve the cooling effect, an orifice region (20) of the cooling-gas passage (19) is dimensioned and/or positioned in such a way that its orifice cross section (21) projects from the range of displacement to such an extent that it is open at least with a predetermined minimum cross section in any position of the second component (16).

(Fig. 2)